1/11/49

Staff meeting for elections:

1). The meeting was called to order at 7 pm.
2). Minutes read and accepted as read.
3). Old business:
Discussion of relations with Bryn Mawr by Wray Bentley.
4). Elections:
President. N. Curtis
Secretary - Joe Brown
Treasurer - Jack Zerver
Program Director - Bill Perich
Production Director - Brooks Cooper
Chief Engineer - Dave Trumper
Program Engineer Dan Hardy.
5). Ken Blum pointed out that Hickory, North Carolina has the same call letters WNRC.
6). It was decided to broadcast all basket-ball games, Wednesday and Saturday.
7). Men who are interested in Campus Bull Session
Tuck Hall
Don Hardy
Nick Hazelwood
Bill Tasmin
Harold Lynch
Dave Duise
8). An admendment was proposed that 1/3 instead of 2/3 of active membership would constitute a quorum.
9). Suggestion that we split costs with Swarthmore on a joint basket-ball game broadcast Feb. 9, 1949.

File

WHRC
~~7 South Bailey Hall~~
Haw. Col.
Haw. Pa.
February 18, 1949

Mr. Herbert B Barlow, Jr.
1725 New Hampshire Ave, N.W.
Washington, D.C.

Dear Mr. Barlow:

Enclosed is a diagram of the radiation pattern ~~existing~~ of WHRC on February 8, 1949, at ~~three~~ 3 P.M.. The readings were made under the direction of Ted Conant and with the WSRN meter. Also enclosed is a diagram of our ~~radio~~ RF system, intentional and otherwise.

I have purposely drawn the diagram on plain paper ~~so that~~ rather than on a map -so that you may feel free to offer it to the Commission in evidence. However, we strongly desire that the diagram be kept "anonymous" before the authorities. A special reason for this request is that I feel the diagram shows the pattern at its worst: the readings were taken during the daytime -when the radiation system, including dormitory wiring and the street lights ~~circuits~~ are practically an open circuit. At night, however the same system is ~~practically~~ nearly short-circuited by the heavy ~~AC~~ load. ~~[illegible]~~ The readings caused me to hunt defects in the system, and the faults of street light antennae, radiation back through power transformers, and having one RF (twisted pair, unshielded) line above ground for ~~some~~ 100 feet are now being worked on. ~~[illegible]~~ [no ¶]

Barlow,
2

¶ Thus, I have hopes of satisfying the present regulations. ¶ Therefore, although this station strongly supports your appearance before the Commission to be heard against the proposed change from 15 to 2 microvolts per meter or any value below 15, we do not sanction any petition for a relaxation in radiation requirements at the expense of a ruling calling for licensed engineers, as that would make it impossible for us to continue operation. Under the present requirements we have a chance. I hope you understand our position as a small college.

¶ To state the pertinent data requested in your memo of December 13, 1948:

1. Enclosed is a campus map of the RF system.
2. - Coupling between transmitter and lines is by an antenna tuner at the station and .02 mfd. condensers in series with each side of the RF line at the tapping-in point in each of two dormitories. The "local transmitter" (see map) employs a short antenna in the cellar.
3. The input to the main transmitter is always under 15 watts, about 12 watts of which is absorbed by a light bulb at the antenna tuner.

Barlow,

(3)

4. Don't know.
5. - Crystal: 580 kc. ("Local transmitter" uses ECO.)
6. - Diagram enclosed.

I await the results of the hearings with great interest, of course, and would appreciate a report on them and any suggestions, inquiry, or criticisms you might have in the meantime.

Very sincerely,

David K. Trumpen,
Chief Engineer

DKT/jcl
typed 18 Feb. 1949.

28 February 1949

Mr. Ted Conant
Technical Director, WSRN
Swarthmore College,
Swarthmore, Pa.

Dear Ted:

In my letter to Herb Barlow I explained this station's position on the suggestion that the F.C.C. set technical standards and require licensed engineers as an alternative to tightening radiation requirements. I wrote him as follows:

> ...Although this station strongly supports your appearance before the Commission to be heard against the proposed change from 15 to 2 microvolts per meter or any value below 15, we do not sanction any petition for a relaxation in radiation requirements at the expense of a ruling calling for licensed engineers, as that would make it impossible for us to continue operation. I hope you understand our position as a small college; under the present regulations at least we have a chance.

My purpose in writing you is to present our views more fully in the light of your feelings on the matter as relayed to me by Nev Curtis.

First of all, my understanding of your proposal was that a licensed engineer be required to be on duty at the station during all broadcasting hours, just as at commercial stations. Such a ruling would cause WHRC, and I should think most small college stations, to discontinue operation, since there is rarely even one student here who would be both qualified to become a licensed engineer and willing to serve during broadcasting hours. Moreover, I think that if the present attempts to eliminate our excess radiation are successful, we may be able to meet the "spirit", if not the letter, of the existing radiation law.

Now, I have been informed that this was a misunderstanding and that your idea is that each station have a single licensed engineer responsible for meeting radiation and other technical requirements, but that he need not be on duty at the station. Does this mean that this license should be the equivalent of that required of engineers for small broadcast stations or that it be granted after passing a different and more simple examination? Nev tells me that you could train a man to qualify for the license in a short time. Does this indicate that the examination would be similar to third class

28 February 1949

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Technical Director, WHRN
Swarthmore College,
Swarthmore, Pa.

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My purpose in writing you is to present our views more fully in the light of your feelings on the matter as relayed to me by Mev Curtis.

First of all, my understanding of your proposal was that a licensed engineer be required to be on duty at the station during all broadcasting hours, just as at commercial stations. Such a ruling would cause WHRC, and I should think most small college stations, to discontinue operation, since there is rarely even one student here who would be both qualified to become a licensed engineer and willing to serve during broadcasting hours. Moreover, I think that if the present attempts to eliminate our excess radiation are successful, we may be able to meet the "spirit", if not the letter, of the existing radiation law.

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NEWMAN MASTER
(Page 2, Conant)

radiotelephone, or that you could train someone already thoroughly acquainted with radio to pass the test? I am afraid that you must mean the latter, for the F.C.C. would probably disregard the former.

Interest in the radio station here varies from year to year, and a year's shutdown from lack of a man able and willing to become licensed could easily stop the station permanently. I doubt that anyone now on WHRC could pass a radio engineer's examination.

There is the possibility of finding a qualified faculty member willing to assume responsibility for radiation, etc. In our case, Mr. Benham, of the Physics department, would "have to know a lot more about the situation" before he'd take the responsibility. In other words, he would have to make certain we could become completely legal and always remain that way. Mr. Benham suggested that WSRN, WRTI, WXPN and WHRC unite permanently and make a common technical director responsible to the F.C.C. for radiation.

All this argument for WHRC may very well be true of other stations in small colleges. However, I imagine you feel that the only alternative to your suggestion is the impending 2 µv./meter regulation and thus the licensing of engineers and imposing of technical regulations is the lesser of the two evils. Do you believe that we would have little success in asking that the existing 15 µv. or better still, a higher value, be kept for college radio? Were there complaints against campus broadcasting or some other carrier-current service behind the 2µv. proposal? It seems to have been F.C.C.'s policy not to act against violation of radiation limits unless complaints were registered. Would it not be best to fight first for the continuance or relaxation of present regulations if we do not know of wide-spread complaint against college radio? I agree with you, however, that since the F.C.C. may not see sufficient reason to exempt college radio from the 2µv./meter ruling, we should have a reasonable counterproposal to offer. I can see the reasons for your suggestion, and I appreciate the necessity for you and Herb Barlow to present a "united front" in representing I.B.S. and college radio before the F.C.C.

Therefore, I would like to discuss the matter with you personally in order to find out the specific details of your proposal, with the hope that we are actually in agreement. If it is convenient to you, I can be at Swarthmore this Friday, March 4, shortly before , during, or after evening dinner. I shall have to leave about seven. Let me know where and when you can see me. If you prefer, you may write me, answering guestions I have raised here.

Sincerely,

David K. Trumper
Chief Engineer

DKT/jcb

Copy of 2nd Map to Barlow

HAVERFORD COLLEGE

Wiring System Diagram

A GUIDE-MAP

WHRC

D. K. Trumper,
Chief Engineer

Drawn 3-7-49

HAVERFORD, PENNSYLVANIA

[illegible] = [illegible] Kilos, [illegible]
Company [illegible] [illegible]

[illegible] = [illegible] Kilos possibly
carrying AC [illegible]

— = underground AC
lines

— = above ground lines:
110 VAC.

— = above ground [illegible] VAC

— = above ground mains:
4000 VAC, 3-phase


A MAP OF THE GROUNDS
OF
HAVERFORD COLLEGE
Founded by the SOCIETY of FRIENDS in 1833
Situated in Haverford Township, Delaware County, and in
Lower Merion Township, Montgomery County.
HAVERFORD, PENNA.
COLLEGE AVENUE
PANMURE ROAD
RAILROAD AVENUE
PHILADELPHIA & WESTERN R.R.
COBBS CREEK
HAVERFORD ROAD
CLASS OF 1922 FIELD
CLASS OF 1888 FIELD
CLASS OF 1925 TENNIS COURTS
CLASS OF 1916 FIELD
WALTON FIELD
CLASS OF 1909 FIELD
COPE FIELD
SKATING POND
MERION FIELD
PENNSYLVANIA RAILROAD
HAVERFORD STATION
LANCASTER PIKE
LEGEND
1 Founders Hall
2 Barclay Hall
3 Roberts Hall
4 Haverford Union
5 Lloyd Hall
6 Servants Dormitory
7 Whitall Hall
8 Chase Hall
9 Strawbridge Observatory
10 Morris Infirmary
11 Mary Newlin Smith Garden
12 The Library
13 Lyman Beecher Hall Chem. Lab.
14 The Gymnasium
15 Hilles Lab. of Applied Science
16 Isaac Sharpless Hall
17 Cricket Pavilion
18 Power House
19 Walter C. Smith Grandstand
20 George S. Bard Gateway
21 Class of 1912 Gateway
22 Class of 1906 Gateway
23 Edward B. Conklin Gateway
24 Merion Annex
25 Merion Cottage
26 Strawbridge Gateway
27 Government House
28 Farm Buildings
29 Haverford Friends School
30 Haverford Meeting House
HAVERFORD
ARDMORE
WYNNEWOOD
E. NELSON EDWARDS
FECIT — 1947
FOUNDERS HALL

Haverford Since 1833

Haverford College, oldest Quaker institution of higher learning, was founded in 1833. It was intended then as now to provide an enlarged and liberal system of instruction to young men in the Society of Friends, and, after 1847, to others who were sympathetic with the Quaker way of life. In 1856 it was chartered as a "college" rather than a "school," and since that time it has become increasingly distinguished as a small college of liberal arts. High standards of scholarship, a strong emphasis on the importance of sound ethical judgments, and an appreciation of the place of religion in the life of man are among Haverford's distinguishing characteristics.

Haverford's program today includes a course of study leading to the bachelor's and master's degrees, supplemented by non-academic courses in community service, in the appreciation of beauty, in certain creative skills and by a great variety of extra-curricular student activities. Through cooperative arrangements with Bryn Mawr College, Swarthmore College, and the University of Pennsylvania, Haverford students may in certain cases enroll in courses in these other institutions. The resources of their libraries as well as the many libraries and educational facilities of the Philadelphia area are also easily available.

Founders Hall, the first college building, with its ancient bell, is now used as a dormitory, dining hall, classrooms, and faculty offices. It is flanked by the Library, with over 180,000 volumes (15,000 of which form a part of Haverford's unique collection of books and manuscripts relating to the Society of Friends), by other classroom buildings and dormitories such as Lloyd and Barclay Halls, by the Haverford Union, and Roberts Hall, where the administrative offices are located. Physics, Chemistry and Engineering buildings are opposite Founders Hall, together with the Gymnasium. Nearby are small dormitories for students of French and Spanish, an Observatory and a number of faculty houses. Playing fields for cricket, football, soccer, baseball, tennis, and track, and a skating pond are all located on the campus.

The Friends Meeting House, where the College assembles weekly in a Meeting for Worship, is just off the campus proper, at the end of a tree-lined walk.

Haverfordiana

Some Dates and Facts

1830 ---- Meeting held in Philadelphia to establish an institution to teach Friends' sons "the higher branches of learning."

1833 ---- "Haverford School" opens in newly-constructed Founders Hall, 28 October, with Samuel Hilles of Wilmington, Delaware, as "Superintendent."

1836 ---- First Haverford commencement, with Thomas F. Cock of New York and Joseph Walton of Philadelphia graduating. Joseph Walton, later Clerk of Philadelphia Yearly Meeting of Friends and editor of *The Friend.*

1856 ---- Haverford becomes a degree-granting institution, by authorization of the Pennsylvania Legislature. Joseph Harlan, first President of the College.

1879 ---- Haverford's first football team ties University of Pennsylvania and wins over Swarthmore College.

1880 ---- Joseph Wright Taylor, a member of Haverford's Board of Managers, establishes Bryn Mawr College for women.

1896 ---- First English tour of Haverford Cricket Team.

1897 ---- Honor System in examinations adopted.

1901 ---- Students Self-Government Association established.

1902 ---- Haverford has first soccer team in United States.

1902 ---- Charles Roberts Autograph Collection presented to the College; a large collection including all of the signers of the Declaration of Independence.

1909 ---- The William H. Jenks Collection of early Friends tracts presented to the Library, making Haverford's Quaker Collection the largest and most important for historical research in America.

1917 ---- Haverford Emergency Unit established. The newly-organized American Friends Service Committee uses the campus in the summer to train a "Haverford Unit" for relief and reconstruction in France. AFSC archives are housed in the Haverford Library.

---- Since 1931 fourteen Haverford graduates have taken the State Department's written examinations for the Foreign Service. All passed and all but three are now in the Service.

---- In the decade 1936-45, Haverford stood second among all American colleges and universities in percentage of students who later obtain Ph.D.'s in natural science (California Tech was first).

1942 ---- Graduate Unit established for training men and women in Reconstruction and Relief.

1946 ---- The percentage of Rhodes Scholars among Haverford's living alumni (4.91 per 1000) is higher than that of any other American college or university.

1947 ---- First four folios of Shakespeare presented to the Library by William P. Philips, Class of 1902.

---- One out of every five Haverford students in college has a Varsity athletic letter.

Mr. Benham:

Memorandum from WHRC

The Federal Communications Commission has issued a proposal which would place college radio stations under the rules governing standard broadcast stations. This would cause WHRC (of Haverford College) and most all college stations to shut down as unable to meet the stringent technical requirements of commercial stations.

Now, if sufficient concern is shown by college radio and others affected, the FCC may hold hearings on the proposal. Therefore, WHRC, in conjunction with the Intercollegiate Broadcasting System, is requesting that you, because of your connection with the station, write statements or comments concerning college radio and WHRC and the value of their activities, as seen from your viewpoint. The following points may be suggestive:

especially

(1) Educational value of this extracurricular activity.
(2) Services to the college community.
(3) Technical aspect, especially the actuality or feasibility of non-interference and the expectations of legal operation with minimum FCC supervision.
(4) Cooperation with standard broadcast stations.
(5) Value as training ground for radio field - statistics on graduates now in field.
(6) Creative aspect of programming, such as dramatics.

We desire that you recommend that specific provision in the FCC rules be made for campus radio stations, and that hearings be held on the matter. Please address the letter to the Federal Communications Commission, Washington 25, D.C., and send it to WHRC in time for us to have copies made and submitted to the FCC by the deadline of June 1, 1949.

We are extremely grateful for your cooperation in this matter.

April 30, 1949
DKT/rtf

NEWMAN & MASTER

February 18, 1949

Mr. Herbert B. Barlow, Jr.
1725 New Hampshire Ave., N.W.
Washington, 9, D.C.

Dear Mr. Barlow:

Enclosed is a diagram of the radiation pattern of WHRC on February 8, 1949, at 3:00 P.M. The readings were made under the direction of Ted Conant, with the WSRN meter. Also enclosed is a diagram of our RF system, intentional and otherwise.

I have purposely drawn the diagram on plain paper rather than on a map--so that you may feel free to offer it to the Commission in evidence. However, we strongly desire that the diagram be kept "anonymous" before the authorities. A special reason for this request is that I feel that the diagram shows the pattern at its worst: the readings were taken during the daytime--when the radiation system, including dormitory wiring and the street lights are practically an open circuit. At night, however, the same system is nearly short-circuited by the heavy load.

The readings caused me to hunt defects in the system, and the faults of street-light antennae, radiation back through power transformers, and having one RF line (twisted pair, unshielded) above ground for 100 feet are now being worked on. Thus I have hopes of satisfying the present regulations.

Therefore, although this station strongly supports your appearance before the Commission to be heard against the proposed change from 15 to 2 microvolts per meter or any value below 15, we do not sanction any petition for a relaxation in radiation requirements at the expense of a ruling calling for licensed engineers, as that would make it impossible for us to continue operation. I hope you understand our position as a small college; under the present regulations at least we have a chance.

To state the pertinent data requested in your memo of December 13, 1948:

1. Inclosed is a campus map of the RF system.
2. Coupling between transmitter and lines is by an antenna tuner at the station and .02 mfd. condensers in series with each side of the RF line at the tapping-in point in each dormitory. The "local transmitter" (see map) employs a short antenna in the cellar.

NEWMAN & MASTER

(Page 2)

3. The input to the main transmitter is always under 15 watts, about 12 watts of which is absorbed by a light bulb at the antenna tuner.
4. Don't know.
5. Crystal: 580 kc. (Local transmitter uses VCO.)
6. Diagram enclosed.

I await the results of the hearings with great interest, of course, and would appreciate a report on them and any suggestions, inquiry or criticisms you might have in the meantime.

Very sincerely,

David K. Trumper

David K. Trumper,
Chief Engineer.

2 encl.
DKT/jcb

COPY

Tech. Dept. File
~~NEWMAN & MASTER~~

22 March 1949

Mr. Herbert E. Barlow, Jr.
1725 New Hampshire Ave., N.W.
Washington 9, D.C.

Dear Mr. Barlow:

Since receiving your letter of 21 February, I have been assembling the additional data which were requested and which are enclosed.

Diagrams 1 and 2 should explain the A.C. system. The R.F. system and new R.F. voltage and current readings are given in diagram 3. I hope you can interpret the R.F. measurements at the antenna tuner. The unbalance in the supposedly balanced R.F. lines is probably due to the fact that one side of the 110 volt circuits into which we tap is grounded. Both sides should be hot.

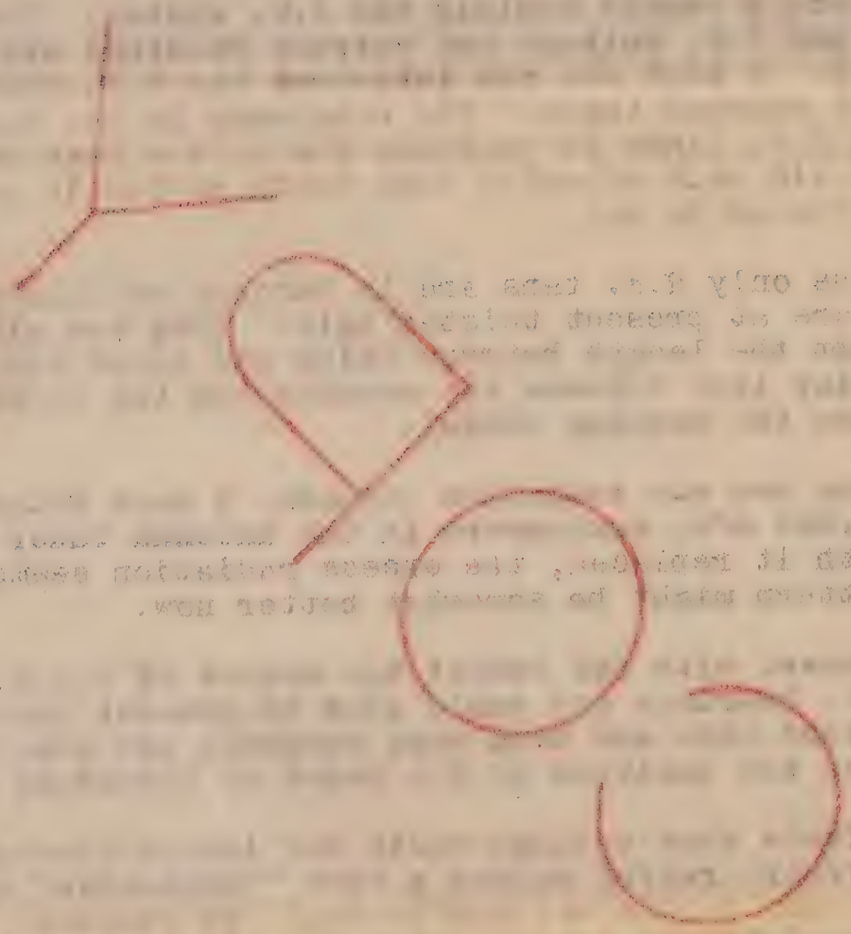
Note that the only R.F. taps are in Barclay and Lloyd. All R.F. lines are at present twisted pair. They are all underground except the length between Union and Lloyd and the part of the Barclay line between the station (on the third floor of Union) and the heating tunnel.

Since sending you our radiation pattern, I have found that one of the .002 mfd. condensers in the antenna tuner was open, and with it replaced, the excess radiation seems less. Thus the pattern might be somewhat better now.

I have discussed with Ted Conant the matter of I.B.S. policy at the F.C.C. hearings and would like to present his views as I understand them and then some comments and suggestions which express the position of the Board of Directors of WHRC.

Ted Conant feels that college radio has little chance of escaping a 2mv/mtr. ruling unless a very "regulative" counterproposal is made before the Commission. He suggests that technical standards be set up, periodic field strength readings be taken, and a first class radiotelephone license holder be required of each station and be made responsible to the F.C.C. for technical standards and radiation. In exchange for these regulative measures we would receive a considerably increased radiation limit at $\frac{\lambda}{2\pi}$.

As you know, this station would not welcome such a proposal. If I.B.S. should decide that it is in the best general interest to adopt such a plan and if we were the only discordant voice, then we would reluctantly agree to the proposal, were the following suggestion as to procedure adopted also.



Tech. Dep't. File

The proposal should be presented to the Commission point by point in a definite order. The first concessions should be on requiring technical standards and radiation reports. Technical requirements might include crystal control, minimum drift, power input limitation, minimum audio range requirements and maximum hum level, and other items from the I.E.S. engineering code. Radiation reports might include field strength patterns and be submitted to F.C.C. annually.

The very last concession, if needed at all, should be that of licensed chief engineers. Propose second class radiotelephone before first class. Possibly I.E.S. could draw up for the proposal a special suggested examination which would be simpler and more directly designed to cover the essentials of college radio engineering.

However, if I.E.S. does not plan to take this stand, we then offer an idea which might better suit the interests of all.

Let F.C.C. or I.E.S. assemble field strength readings of college stations. All stations which could meet a reasonable radiation limit of about 50 or 75 µv/mtr. at $\frac{\lambda}{2\pi}$ would be subject to a minimum of regulation, such as technical standards and radiation reports but <u>not</u> licensing of engineers. Those stations which could not or did not seek to meet the 50 or 75 µv. limit would be subject to closer supervision, including the licensed engineers, but would be given a liberal radiation limit such as 1000 µv./mtr. at $\frac{\lambda}{2\pi}$.

The reasoning behind the foregoing is this: It seems to me that there are two situations among college stations. Many of the larger colleges and universities cannot possibly meet a low radiation figure. In having a relatively large area to cover, non-flea-power transmitters are called for. These stations are also fairly well supplied with technical personnel and have an ample budget. Often such a station serves the town or community as well as the campus. College stations at Cornell and R.P.I. are actually licensed as commercial stations. Stations in small colleges or compact campuses, on the other hand, can keep radiation to a reasonable level with some effort, and are often short of technical personnel and funds, as is the case with Haverford.

In summary let me say that if the plan is to be the one first outlined above, (that of bargaining, ~~that is~~), we accept it as being what you judge best for the great majority; if an alternative policy is sought, we offer the suggestion just made. Either way, we want to thank you and Ted Conant for representing us.

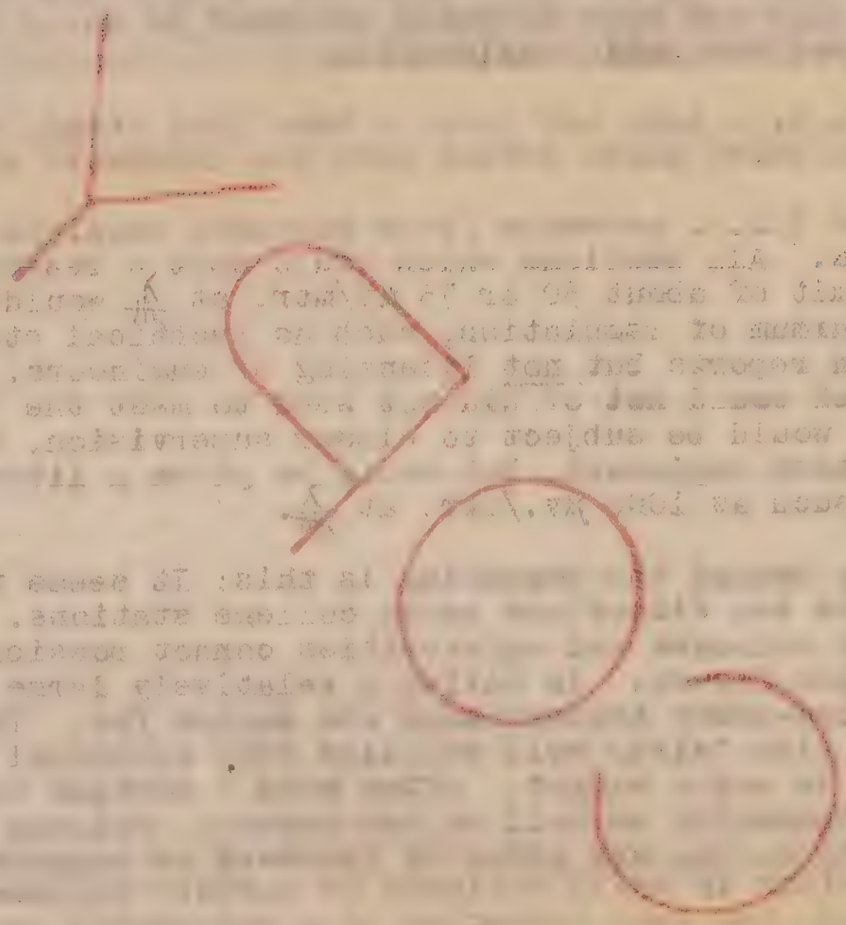
With sincere regards,

Dave Trumper

David K. Trumper
Chief Engineer

cc: Ted Conant
3 encl.
DKT/jcb

6 corr., DKT.



Suggested Prospectus

D.K.T. 4-21-49

(1)

The Federal Communications Commission has issued a proposal which would place college radio stations under the rules governing standard broadcast stations. This would cause WHRC (of Haverford College) and most all college stations to shut down as unable to meet the stringent technical requirements of commercial stations.

Now, if sufficient concern is shown by college radio and others affected, the F.C.C. may hold hearings on the proposal. Therefore, WHRC, in conjunction with the Intercollegiate Broadcasting System, is requesting that you, because of your connection with this station, write ~~[illegible]~~ favorable statements, or comments, or briefs concerning college radio and WHRC and the value of their activities, as seen from your viewpoint. The following points may be suggestive:

1. Educational value of this extracurricular activity.
2. Services to the college community.
3. Technical aspect, especially the actuality or feasibility of non-interference, and the

expectations of legal operation with minimum F.C.C. supervision.

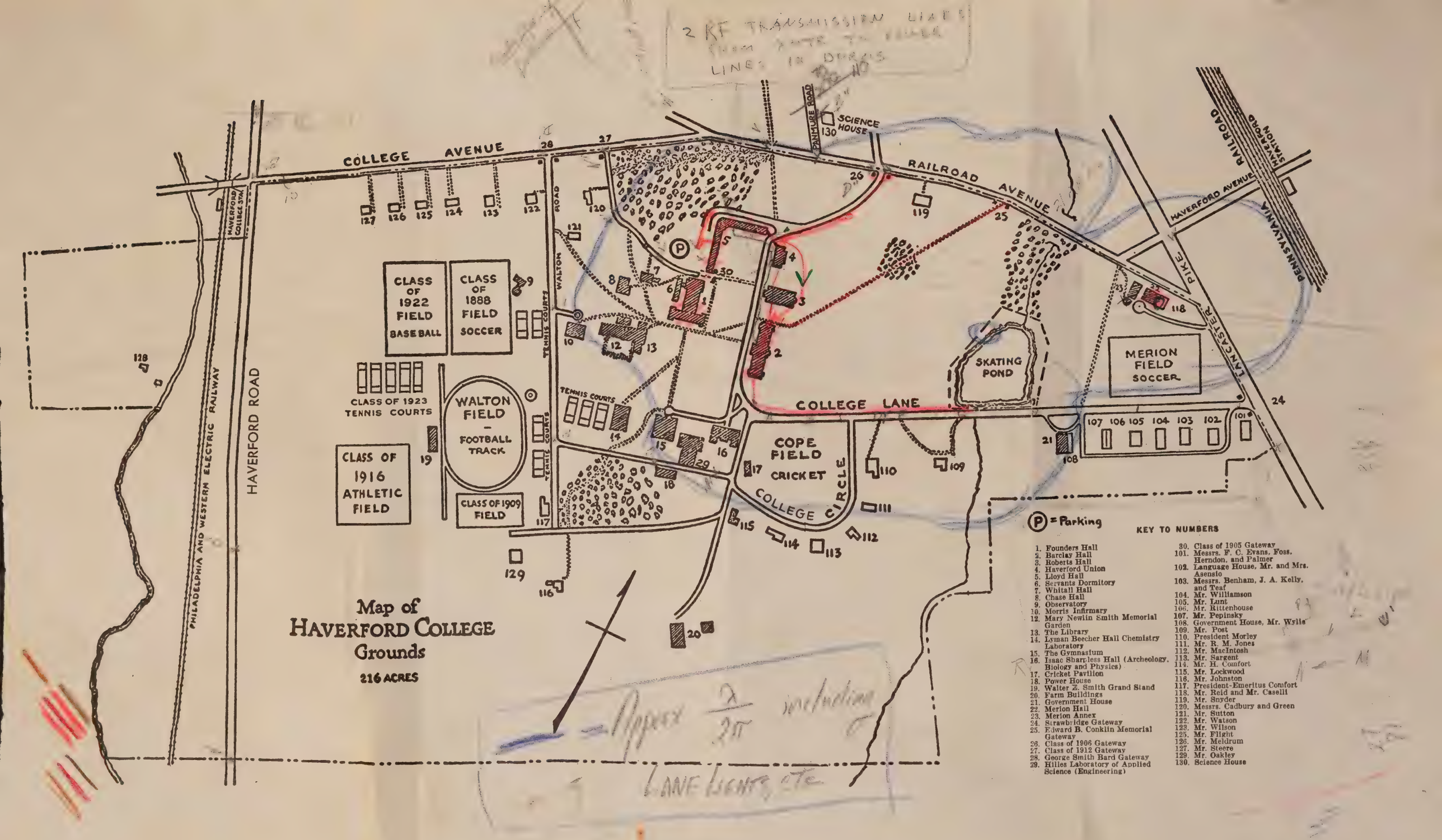
4. Cooperation with standard broadcast stations.
5. Value as training ground for radio field.
   - Statistics on graduates now in radio.
6. Creative aspect of programming, such as dramatics.

We desire that you recommend (a) that specific provision in the F.C.C. rules be made for campus radio stations ~~and~~ (b) ~~that hearings be held on the matter.~~

Please address the letter: Federal Communications Commission, Washington 25, D.C., and send it to WHRC in time for us to have copies made and submitted to the F.C.C. by the deadline of June 1, 1949.

We are extremely grateful for your cooperation in this matter.

THE BOARD OF DIRECTORS
OF WHRC.


COLLEGE AVENUE
RAILROAD AVENUE
HAVERFORD AVENUE
LANCASTER PIKE
PENNSYLVANIA RAILROAD
HAVERFORD STATION
HAVERFORD COLLEGE STA.
PANMURE ROAD
SCIENCE HOUSE
WALTON ROAD
HAVERFORD ROAD
PHILADELPHIA AND WESTERN ELECTRIC RAILWAY
CLASS OF 1922 FIELD BASEBALL
CLASS OF 1888 FIELD SOCCER
CLASS OF 1923 TENNIS COURTS
WALTON FIELD - FOOTBALL TRACK
CLASS OF 1916 ATHLETIC FIELD
CLASS OF 1909 FIELD
TENNIS COURTS
COPE FIELD CRICKET
COLLEGE CIRCLE
COLLEGE LANE
SKATING POND
MERION FIELD SOCCER
P = Parking
KEY TO NUMBERS
1. Founders Hall
2. Barclay Hall
3. Roberts Hall
4. Haverford Union
5. Lloyd Hall
6. Servants Dormitory
7. Whitall Hall
8. Chase Hall
9. Observatory
10. Morris Infirmary
12. Mary Newlin Smith Memorial Garden
13. The Library
14. Lyman Beecher Hall Chemistry Laboratory
15. The Gymnasium
16. Isaac Sharpless Hall (Archeology, Biology and Physics)
17. Cricket Pavilion
18. Power House
19. Walter Z. Smith Grand Stand
20. Farm Buildings
21. Government House
22. Merion Hall
23. Merion Annex
24. Strawbridge Gateway
25. Edward B. Conklin Memorial Gateway
26. Class of 1906 Gateway
27. Class of 1912 Gateway
28. George Smith Bard Gateway
29. Hilles Laboratory of Applied Science (Engineering)
30. Class of 1905 Gateway
101. Messrs. F. C. Evans, Foss, Herndon, and Palmer
102. Language House, Mr. and Mrs. Asensio
103. Messrs. Benham, J. A. Kelly, and Teaf
104. Mr. Williamson
105. Mr. Lunt
106. Mr. Rittenhouse
107. Mr. Pepinsky
108. Government House, Mr. Wylie
109. Mr. Post
110. President Morley
111. Mr. R. M. Jones
112. Mr. MacIntosh
113. Mr. Sargent
114. Mr. H. Comfort
115. Mr. Lockwood
116. Mr. Johnston
117. President-Emeritus Comfort
118. Mr. Reid and Mr. Caselli
119. Mr. Snyder
120. Messrs. Cadbury and Green
121. Mr. Sutton
122. Mr. Watson
123. Mr. Wilson
125. Mr. Flight
126. Mr. Meldrum
127. Mr. Steere
129. Mr. Oakley
130. Science House
Map of HAVERFORD COLLEGE Grounds
216 ACRES

Reference copy:

Haverford College
Haverford, Pa.

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C.

In the matter of :

Amendment of Part 15 of :
the F.C.C. Rules Governing :
Restricted Radiation Devices :

DOCKET NO. 9288

May 12, 1949

Hon. Commissioners:

Those of us who have been interested for a good many years in college broadcastin stations regret the proposed restrictions which will make impractical further operation of these stations. This activity is an important one on the campus from many points of view. It is a service enjoyed and appreciated by the college community; it offers opportunity for constructive extracurricular activity to those interested in dramatics and public speaking and opportunity for actual experience in programing and broadcasting to students seriously interested in radio work as a career. College broadcasting stations give the student actual work in radio design, construction and servicing that is of incalculable value to prospective technicians; in other words, the college station serves as a laboratory to the undergraduate interested in radio engineering.

There has been an earnest effort to reduce excess radiation, and it is expected that any necessary regulations laid down by the Commission would receive serious attention from station technicians and personnel with a minimum of FCC supervision.

Educational FM does not seem feasible for the following reasons: (1) there are few FM receivers at the college, (2) licensed engineers (radio telephone 1st class) are seldom found among the students, (3) the expense of changing equipment is too great.

These stations could operate more effectively under new rules directly applicable to them, rather than under those set up for commercial broadcasting stations.

I recommend, therefore, that the Federal Communications Commission formulate specific regulations for the operation of college broadcasting stations and that hearings be held on the matter.

Respectfully submitted,

(Signed) T.A. Benham
Assistant Professor in Physics
Faculty Adviser to Station WHRC

~~NEWMAN & MASTER~~

28 February 1949

Mr. Ted Conant
Technical Director, WRN
Swarthmore College,
Swarthmore, Pa.

Dear Ted:

In my letter to Herb Barlow I explained this station's position on the suggestion that the F.C.C. set technical standards and require licensed engineers as an alternative to tightening radiation requirements. I wrote him as follows:

> ...Although this station strongly supports your appearance before the Commission to be heard against the proposed change from 15 to 2 microvolts per meter or any value below 15, we do not sanction any petition for a relaxation in radiation requirements at the expense of a ruling calling for licensed engineers, as that would make it impossible for us to continue operation. I hope you understand our position as a small college; under the present regulations at least we have a chance.

My purpose in writing you is to present our views more fully in the light of your feelings on the matter as relayed to me by Nev Curtis.

First of all, my understanding of your proposal was that a licensed engineer be required to be on duty at the station during all broadcasting hours; just as at commercial stations. Such a ruling would cause WHRC, and I should think most small college stations, to discontinue operation, since there is rarely even one student here who would be both qualified to become a licensed engineer and willing to serve during broadcasting hours. Moreover, I think that if the present attempts to eliminate our excess radiation are successful, we may be able to meet the "spirit", if not the letter, of the existing radiation law.

Now, I have been informed that this was a misunderstanding and that your idea is that each station have a single licensed engineer responsible for meeting radiation and other technical requirements, but that he need not be on duty at the station. Does this mean that this license should be the equivalent of that required of engineers for small broadcast stations or that it be granted after passing a different and more simple examination? Nev tells me that you could train a man to qualify for the license in a short time. Does this indicate that the examination would be similar to third class

radiotelephone, or that you could train someone already thoroughly acquainted with radio to pass the test? I am afraid that you must mean the latter, for the F.C.C. would probably disregard the former.

Interest in the radio station here varies from year to year, and a year's shutdown from lack of a man able and willing to become licensed could easily stop the station permanently. I doubt that anyone now on WHRC could pass a radio engineer's examination.

There is the possibility of finding a qualified faculty member willing to assume responsibility for radiation, etc. In our case, Mr. Benham, of the Physics department, would "have to know a lot more about the situation" before he'd take the responsibility. In other words, he would have to make certain we could become completely legal and always remain that way. Mr. Benham suggested that WSRN, WRTI, WXPN and WHRC unite permanently and make a common technical director responsible to the F.C.C. for radiation.

All this argument for WHRC may very well be true of other stations in small colleges. However, I imagine you feel that the only alternative to your suggestion is the impending 2 µv./meter regulation and thus the licensing of engineers and imposing of technical regulations is the lesser of the two evils. Do you believe that we would have little success in asking that the existing 15 µv. or better still, a higher value, be kept for college radio? Were there complaints against campus broadcasting or some other carrier-current service behind the 2µv. proposal? It seems to have been F.C.C.'s policy not to act against violation of radiation limits unless complaints were registered. Would it not be best to fight first for the continuance or relaxation of present regulations if we do not know of wide-spread complaint against college radio? I agree with you, however, that since the F.C.C. may not see sufficient reason to exempt college radio from the 2µv./meter ruling, we should have a reasonable counterproposal to offer. I can see the reasons for your suggestion, and I appreciate the necessity for you and Herb Barlow to present a "united front" in representing I.B.S. and college radio before the F.C.C.

Therefore, I would like to discuss the matter with you personally in order to find out the specific details of your proposal, with the hope that we are actually in agreement. If it is convenient to you, I can be at Swarthmore this Friday, March 4, shortly before , during, or after evening dinner. I shall have to leave about seven. Let me know where and when you can see me. If you prefer, you may write me, answering questions I have raised here.

Sincerely,

Dave

David K. Trumper
Chief Engineer

DKT/jcb

W H A V
HAVERFORD COLLEGE
HAVERFORD, PENNA.

OFFICE OF THE SECRETARY

MEMBER
INTERCOLLEGIATE BROADCASTING SYSTEM

21 March 1949

Staff meeting called as scheduled at 6:45 in Union. Minutes read and approved by staff; 2/3 majority present. Dick Baltzell moved that amendment VI be accepted. Seconded, and discussion. Passed by unanimous vote.

Curtis reported on network, same information as given in staff meeting, this dat

The notice posted about cutting programs was repeated

Dan mentioned about fire-extinguisher and engin ers for afternoon shows coming from net

Meeting adjourned at 7:30.

Respectfully submitted

Joseph C. Brown

FILE COPY ONLY

W H A V
HAVERFORD COLLEGE
HAVERFORD, PENNA.

OFFICE OF THE SECRETARY

MEMBER
INTERCOLLEGIATE BROADCASTING SYSTEM

22 March 1949

Mr. Herbert B. Barlow, Jr.
1725 New Hampshire Ave., N.W.
Washington 9, D.C.

Dear Mr. Barlow:

Since receiving your letter of 21 February, I have been assembling the additional data which were requested and which are enclosed.

Diagrams 1 and 2 should explain the A.C. system. The R.F. system and new R.F. voltage and current readings are given in diagram 3. I hope you can interpret the R.F. measurements at the antenna tuner. The unbalance in the supposedly balanced R.F. lines is probably due to the fact that one side of the 110 volt circuits into which we tap is grounded. Both sides should be hot.

Note that the only R.F. taps are in Barclay and Lloyd. All R.F. lines are at present twisted pair. They are all underground except the length between Union and Lloyd and the part of the Barclay line between the station (on the third floor of Union) and the heating tunnel.

Since sending you our radiation pattern, I have found that one of the .002 mfd. condensers in the antenna tuner was open, and with it replaced, the excess radiation seems less. Thus the pattern might be somewhat better now.

I have discussed with Ted Conant the matter of I.B.S. policy at the F.C.C. hearings and would like to present his views as I understand them and then some comments and suggestions which express the position of the Board of Directors of WHAV.

Ted Conant feels that college radio has little chance of escaping a 2mv/mtr. ruling unless a very "regulative" counter-proposal is made before the Commission. He suggests that technical standards be set up, periodic field strength readings be taken, and a first class radiotelephone license holder be required of each station and be made responsible to the F.C.C. for technical standards and radiation. In exchange for these regulative measures we would receive a considerably increased radiation limit at 2mv.

As you know, this station would not welcome such a proposal. If I.B.S. should decide that it is in the best general interest to adopt such a plan and if we were the only discordant voice, then we would reluctantly agree to the proposal, were the following suggestion as to procedure adopted also.

W H A V
HAVERFORD COLLEGE
HAVERFORD, PENNA.

MEMBER
INTERCOLLEGIATE BROADCASTING SYSTEM

The proposal should be presented to the Commission point by point in a definite order. The first concessions should be on requiring technical standards and radiation reports. Technical requirements might include crystal control, minimum drift, power input limitation, minimum audio range requirements and maximum hum level, and other items from the I.B.E. engineering code. Radiation reports might include field strength patterns and be submitted to F.C.C. annually.

The very last concession, if needed at all, should be that of licensed chief engineers. Propose second class radiotelephone before first class. Possibly I.B.E. could draw up for the proposal a special suggested examination which would be simpler and more directly designed to cover the essentials of college radio engineering.

However, if I.B.E. does not plan to take this stand, we then offer an idea which might better suit the interests of all.

Let F.C.C. or I.B.E. assemble field strength readings of college stations. All stations which could meet a reasonable radiation limit of about 50 or 75 mv/mtr. at $\frac{\lambda}{2\pi}$ would be subject to a minimum of regulation, such as technical standards and radiation reports but <u>not</u> licensing of engineers. Those stations which could not or did not seek to meet the 50 or 75 mv. limit would be subject to closer supervision, including the licensed engineers, but would be given a liberal radiation limit such as 1000 mv./mtr. at $\frac{\lambda}{2\pi}$.

The reasoning behind the foregoing is this: It seems to me that there are two situations among college stations. Many of the larger colleges and universities cannot possibly meet a low radiation figure. In having a relatively large area to cover, non-flea-power transmitters are called for. These stations are also fairly well supplied with technical personnel and have an ample budget. Often such a station serves the town or community as well as the campus. College stations at Cornell and R.P.I. are actually licensed as commercial stations. Stations in small colleges or compact campuses, on the other hand, can keep radiation to a reasonable level with some effort, and are often short of technical personnel and funds, as is the case with Haverford.

In summary let me say that if the plan first outlined above, (that of bargaining, that is), we accept it as being what you judge best for the great majority; if an alternative policy is sought, we offer the suggestion just made. Either way, we want to thank you and Ted Conant for representing us.

With sincere regards,

David K. Trumper
Chief Engineer

cc: Ted Conant
3 encl.
DKT/jcb

I Roll call - Staff Motion
1. Minutes read & orders by Bank's Legal.
2. Report of Committee of Constitution discussed.
a. Problem of permanent membership discussed at length.
1.) Thompson & Jones & Nelson opposed.
2.) Knowlton in favor of permanent membership.
a.) Frank moved to vote on permanent membership.
1.)) Seconded by Dunning
a.)) Vote for adding of permanent membership 12.
b.)) Against 9.
1.''' Motion lost.
3.) Thompson moves permanent members shall have all rights & privileges of station.
a.) Seconded by Nelson
1.)) Vote 12; against 8 (motion carried).
4.) Thompson moves that any Scouts board of office be reduced to a maximum of 3 college ~~[illegible]~~ members.
a.) Motion seconded.
1.)) Vote:
a.'' for: } motion carried (4 in favor)
b.'' against: }
~~5.) Amendment moved to~~
5.) Hardy moves that active equipment of Troop be Station equipment & equipment under jurisdiction of Station
6.) Moved to adjournment.
a.) Motion carried, 3/4 of quorum lost.

II Scout Oath recited, flag up and pledge taken.

III Adj. 17. May set a date of next Officers Meeting adjourned. (Next meeting)

Respectfully submitted,
William Wadsworth

May 17, 1950

I. Meeting called to order by Breckelaper.

II Nominations for station manager

1. Dan Hardy (seconded)
2. Dave Schumper (")
3. Nominations closed.
   a. Dan Hardy was elected

21 possible votes

III Nominations for program director.

1. Ken Nelson
2. Carl Johnson
3. Edge Grant
4. Nominations closed
   a. Edge Grant elected

26 possible votes

IV Nominations for technical manager

1. Bill Meleker
2. John Kampath
3. Nominations closed.
   a. Bill Meleker elected

30 possible votes

4 abstain

V Chief program engineer

1. John Lomendike
2. Pete Haviland
   a. Nominations closed
      Haviland elected

30 possible votes

VI Production Manager

1. Carl Johnson
2. John Lomendike
3. Bernard Brown
4. Dave Schumper
   a. Lomendike elected

28 possible votes

VII Treasurer

1. Joe Brown
2. Bob Evans
3. Nominations closed
   a. Joe Brown elected

VIII Secretary

1. Ken Nelson
2. Alan Hilchard ~~30~~
3. John Tamperti 28
4. Otto Hummel
   a. Tamperti elected

IX Vote on Banquet

1. For
2. Against
   a. No banquet

X When should the station close down?

1. Vote on closing Tuesday night.
   a. Vote carried

XI Volunteers for poll.

Nelson
Hummel
Downing
Momenlike
Faccione
Jones
Hairland
Pagst
Tamperti

XII Meeting adjourned by Cooper.

WHPC
HAVERFORD COLLEGE

Minutes Wed. Nov. 8,1950

Meeting called to order at 8:00. All present.
President Hardy read a number of letters and bills. The treasurer announced that the expenses for the first semester amounted to about 177, and that the funds available is only about 171. The income for the first semester is estimated at about 345 dollars. The budget for the period is about 378 dollars.. Hardy said that advertising was the main source from which this hiatus could be filled, but that there was a possibility of income from Vic dances. Hardy brought up the problem of how much WHPC should cater to Club '50. It was agreed that WHPC should continue to broadcast as much dance music as is possible on Friday night. Hardy mentioned that there were a lot of people on the staff who were not at all active on the station. He said that he would send these people cards to discover whether they were still interested. It was decided to reprimand Hunter for his performance on the Sunday before the Sundays ago. Hardy said that Bryn Mawr is interested in starting a station. They are especially anxious to learn engineering and production techniques. Harcum wants us to run a telephone line to their transmitter. This brought up the problem of language on the station. It was decided that some definite policy was necessary for profanity over the air. If the profanity (or obscenity) is intentional or if the offense is flagrant, [illegible] will accrue to the offender. The problem will be be reviewed by the board at its next meeting. If the offense is the first for the person and is, in the opinion of the engineer, unpremeditated, then that particular program will be discontinued for the night and the offender will be given a warning. The engineer should note such occurrences on his log. In the case of a prolonged dismissal it is up to the Program Director to decide on the program to substitute for the suspended one. At the time of the offense, the engineer will shift to studio H and play records in the same style as the program cut off the air. Just what is and is not an offense is upto the common sense of the engineer and the person giving the [illegible]. Hardy reprimanded Somerndike and Haviland for the quality of announcing and engineering during the last [illegible]. The possibility of having interviews after the dramatic club's production was discussed. Dan Martin, president of WSCL, is interested in a joint program on the Thursday before the Swarthmore game, Hardy announced. The cost of such a broadcast would be about $2.50 . Gilbert White and John Nason are the proposed speakers on this program. The time would be taken up half by Haverford and half by Swarthmore. It was agreed to go ahead with the idea. Pleiman and Amar Singh were suggested as possible announcers.
Meeting adjourned at 9:20

Respectfully submitted,

John R. Hitchcock

John R. Hitchcock, Secretary.

WHRC

HAVERFORD COLLEGE
HAVERFORD, PENNA.

Stop screwing up my minutes—

Minutes of the Board Meeting, April 20, 1952.

Lord High Executioner, William Morrison called to order the motley aggregation at exactly 7:08 to the clock. Lords Singh, Carpenter, Flint, Hummel, Bolgiamo, and Hardy were on hand for the festivities. AND RENTSCHLER — DAMN YOU!

Lord Morrison, K.D.S. (Knight of the dirty shirt) registered his first gripe in regard to the procedure sheets which were to have been prepared in the dark age of WHRC. We decided to givenMorrison the splintered shaft by doing them. KK

Brother Flint, Lord of the Exchecquer, when beaten with a rubber hose, revealed that we had about $10. on hand, but were expecting more in the near future.

Mike Dunn lost his gab session by virtue of cuts. Guttmacher resigned from the station. It was decided that if ~~you~~ overcut you should lose your program and not your membership in the station.

We then discussed proposed improvements to the station, including next years Board. We decided to defer deciding the time of the meeting when we were going to stuff the boxes. The proposed times were the two Sundays and Wednesdays before exams.

Lord High Executioner cut off the last shovel handle and head at 8:13.

Richard D. Hardy
For The Board.

11

Meeting of the [illegible] Tuesday Morning 5/[illegible]/[illegible]

To be home from the [illegible]

Bill Monroe is to make 3 [illegible] [illegible]
@ 3⁵⁰ [illegible]

Dave Edell is to make [illegible] [illegible]
@ 4⁰⁰

Jack Beatty is to get paper working

All [illegible] are to be brought out in [illegible] [illegible]

Estimate on [illegible] pre-amps is [illegible]
each pre-amp is to be separate chassis

4⁰⁰
Bill Monroe is to build a new [illegible]
with a substitution [illegible] on it.
Dave Edell is to work on the [illegible]
[illegible]

[illegible], Beatty promised to
[illegible] at college the [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

It was decided to standardize the power supply connections by using the following throughout with the six pin connectors

1 – ground
2 – minus filament
3 – low voltage B+
4 – high voltage B+
5 – Bias
6 – control 1
7 – plus filament
8 – control 2

Dave Shall is now in charge of maintenance of the X matrix.

Bill Nunan is now in charge of maintenance of Station A

Jack Beatty is now in charge of maintenance of Station B

Dick Hodges is now in charge of maintenance of all mobile units, including mobile maintenance units.

The Technical staff felt that the proposed Transfer cards for A should be connected. The move should not be frequently repeated

Dr. Shall is to write on A.M.E. Service
[illegible] in September.

Bill Norman suggested 1) Teaching [illegible] by [illegible]
the causes of Mediation 2) That an [illegible] be
placed on the [illegible] to indicate the percentage
of Mediation.

Dr. Shall suggested that the [illegible]
[illegible] be placed inside the [illegible] [illegible].

Mr. Hoffinger suggests that [illegible] [illegible]
[illegible] be placed [illegible] [illegible]
[illegible] from a [illegible] [illegible] [illegible]

Bishop suggests that the top [illegible] be
moved to the right hand [illegible] [illegible] [illegible]
be moved to the left of the [illegible].

MINUTES OF FRESHMEN MEETING OF WHRC, SEPT. 26 at 7:00 P. M.

Bill Morrison called the meeting to order and explained to the Freshmen the set-up of WHRC, its equipment, programs, etc. Next, Amar Singh passed sheets of paper around with category headings for the Freshmen to sign up under their favorite categories so that they could be scheduled for auditions. Lastly, Bill took the Freshmen up to see the studios.

Respectfully submitted,

Bruce J. Hollmann.

Secretary.

MINUTES OF STAFF MEETING, Oct. 9, 1952 at 7 P. M.

Bill Morrison called the meeting to order at 7:05. The following items were mentioned:

1. Attention was called to the teletype machine. No one who isn't authorized is to make adjustments on it.
2. We shall get election returns and broadcast them all night election night.
3. The tape recorder is to be operated only by authorized people. No one else is to touch it.
4. Cut policy: Last year, anyone who cut his radio show twice was put off the air. It looks like the same this year, since there is a long waiting list for programs.
5. Dick Hardy moved to do away with the three-term limit on board membership of the technical man. This idea is to be thought about.
6. Bill Morrison called for excellent quality in programs, because of the increased range of broadcasting.
7. Officially, freshmen and new members are not members of the staff, until they have been active for 8 weeks. The meeting was turned over to Mike Hummel and Amar Singh, who signed up new members.

Respectfully submitted,

Bruce J. Hollmann.

Secretary.

WHRC

HAVERFORD COLLEGE

HAVERFORD, PENNSYLVANIA

February 3, 1954 shortly after 6:30 PM former Station manager, A-mar Singh, gave the board a picture of its present, past, and its potential future. The most ~~xxxxxx~~ pressing part of Singh's talk concerned the meeting to be held at 9:30 PM February 3rd with the Student's Council concerning approximately $92 of Station bills which were sent to Mr. Caselli, were paid, and then passed on to the Students' Council. The Council was expected to urge very strongly that the W.H.R.C. budget be strictly followed with the Station treasurer responsible and that the $92.(or what ever the deficit would be fixed at) be paid as soon as possible.

Following Singh's presentation and the open discussion of those present, the new board appointed staff members to fill temporarily vacancies on the board of two elected positions and ~~xxxx~~ appointed five staff members to fill board appointed positions. Those present were: Merrill, Potter, Cone, Horner, Johnson, Woodham, and Hall.

The position of Technical Director was made vacant recently with the resignation of Jack Beatty. Joe Horner, Chief Engineer was appointed Technical Director until the next Staff meeting. This created a vacancy for the post of Chief Engineer. Seth Gibson was appointed Chief Engineer until the Staff meeting.

The following positions were filled by the general consent of the Board:

Special Events:	Jake Johnson
Publicity	Rolland Henderson
Sales	Paul Neimark
Record Librarian	Sanford Moses
Great Music	Douglas Meaker

Winfield S. Hall Secty.

wsh/NSM

Mar. 10 At Home

Franck – Symp. in D minor

Was first a failure due to the attitude of the aesthetic hoodlums. The Sembras and they made the public thus get a very poor first impression of the work. Now it is adopted as the best of Franck's work and is a favorite of many musical lovers.

Thomas –

Hagenau – The Conservatoire is built on 2 of the [illegible] avenues of the Opera – gained immediate success at its first performance in Paris 1866 & is still a favorite.

Pianoforte – Pines of Rome

In this work, we have dramatic positions for the piano in each of the 4 movements.

1st – Children dancing (very round & rosy)

2nd (near a catacomb)

3rd pines in moonlight on Janiculo hill

4th pines on the Appian way

WHRC

HAVERFORD COLLEGE
HAVERFORD, PENNSYLVANIA

March 8, 1954

Monday March 1, 1954 at 6:40 PM Manager Merrill called the board meeting of WHRC to order. Present: Merrill, Moses, Meaker, Henderson, Gibson, Potter, Horner, Woodham, and Hall.

Manager Merrill defined the duties of Program Director (Lew Woodham) and Production Director (Dave Potter). One of Potter's duties is to see to it that the WBMC news-casters get to WHRC. It was urged that all board members and staff members notify Potter if they have cars and can help in transportation. It was noted here that Freshmen and Sophomores with below minimum grades can still have cars on the campus if the cars are needed and used for a campus organization.

Two "no-shows" (not showing up for your program or engineering) and the staff member can be ousted from the staff.

DJ's: put all records back in their envelopes.

"French in the Air" will shortly be off the air.

WHRC

HAVERFORD COLLEGE
HAVERFORD, PENNSYLVANIA

March 6, 1954

Monday March 1, 1954 at 6:40 PM Manager Merrill called the board meeting of WHRC to order. Present: Merrill, Hess, Weber, Henderson, Gibson, Potter, Horner, Woodham, and Hall.

Manager Merrill defined the duties of Program Director (Lew Woodham) and Production Director (Dave Potter). One of Potter's duties is to see to it that the WHRC news-casters get to WHRC. It was urged that all board members and staff members notify Potter if they have cars and can help in transportation. It was noted here that Freshmen and Sophomores with below minimum grades can still have cars on the campus if the cars are needed and used for a campus organization.

Two "no-shows" (not showing up for your program or engineering) and the staff member can be ousted from the staff.

DJ's: put all records back in their envelopes.

"French in the Air" will shortly be off the air.

WHRC

HAVERFORD COLLEGE
HAVERFORD, PENNSYLVANIA

March 8th, 1954

Board Meeting:
Present: Merrill, Meaker, Cone, Gibson, Woodham, Horner, Hall, Johnson, and Moses.

If there is enough demand for it WHRC will consider piping music to the dining hall.

There is impending trouble concerning the telephone bills.

March 19th 1954

Board Meeting:

Present; Merrill, Cone, Moses, Henderson, Woodham, Hall, Gibson, Horner, and Johnson.

Despite the fact that the council has recently cancelled the debt we are having trouble with the lack of funds. Fortunately all new advertising funds will be used to get us the necessaries to keep open.

The Board Tea with W BMC is tentatively set for April 11.

Rolland Henderson was commended for his work as publicity director.

Lew Woodham suggested that WHRC might carry a non-sectarian religious program Sunday mornings at 11. It was thought that interested staff members and pre-theological students might produce the program.

The budget prohibits many of the special events programs. However WHRC will plan to "live" broadcast the speeches on Spring Day May 8th. WHRC will be host to campus visiters at that time.

One man can't be expected to get all the advertising that we will need to complete the year gracefully. If you think that your abilities might be used in this area, please see Paul Neimark, 110 B.

Plans are in the offing to get advertising from large non-local concerns. Nevertheless we need your help on getting local advertising.

WHRC

HAVERFORD COLLEGE

HAVERFORD, PENNSYLVANIA

April 19, 1954

At the April 6th Board Meeting Manager Merrill opened with a demand for reports from those who are accustomed to make them. Cone said that bills had been sent for completed advertising but that the treasury is still static. Horner said that the turn-tables in the engineer's room are not working correctly but that efforts were being taken to fix them. He is also trying to get the timing device which turns 'on' and 'off' WPEN to work correctly.

The Board decided that now that our major financial difficulties are over we should evaluate our programs and our service to the students and other listeners. Dave Potter was appointed to speak for the Board and himself (Production Administrator) in an evaluation of WHRC at a Staff meeting to be held April 14th.

Only nineteen of our 55 staff members were present at the Staff Meeting held Wednesday April 14 at 8:45. Production Manager, Potter delivered the following well-prepared evaluation of WHRC:

"Although I speak tonight for the Board, the words and feelings are my own. Tonight I want to talk about "The State of the Station". Let me make very clear that I am in no way "talking down from above"; every member of the board, as well as the staff are right in the middle of this situation. What is the problem, the situation? Briefly this: that the programs we are putting over the air are not worth listening to and are not being listened to. We operate the station for our own enjoyment and experience, but; we also operate on the standards of what listeners want and will listen to. Some shows are no good at all; some are O.K. but even the best are not consistantly good. They can't all be tops, but a listener can sense a lack of preparation. Too many people are (doing) .... not enough. We are not professionals; we are college boys with a lot of other responsibilities, and we must expect things to go wrong. But as the station is operating now, we are prostituting ourselves and the station. I first became aware of this need to evaluate our work when I served as treasurer. I was <u>forced</u> to look at my work by what happened. There will be no mass student uprising or council investigation over the quality of our shows: the students who <u>do</u> listen will just stop listening and we will certainly gain no new listeners. We are going

down

hill. The momentum is hard to stop and sweeps everyone along with it. How to stop it and start the station back to an acceptable level of performance is the question. Should we drop people and shows and thus make an example for the others? No it goes deeper, affects us all. This plodding uncreative go-nowhere type of work which takes precious time but accomplishes next to nothing seems to be in the woodwork of the station. That is why you are here to give your help and ideas. Perhaps we need to drop shows to do it, but I feel it is most important that the shows that we do are good ones. It is only our individual interest and effort which can improve our collective situation. ....."

The Radio Voice of Haverford College . . .

Submitted by,

W. S. Hall Secty

WHRC

HAVERFORD COLLEGE

HAVERFORD, PENNSYLVANIA Oct. 20, 1954

Board meeting Oct. 12. Present: Gibson, Merrill, Cohen, Woodham, Tyson, Johnson, Henderson, and Hall. Cone was appointed Record Librarian (andlater accepted) , and Johnston and Conroy were appointed to Sales (both later declined).

The Board approved the renewal of the Capitol Contract for a monthly series of 45rpm popular records. Hall thought it would be a good idea to expand our appeal by adding a country and western library of records. Those present were uninterested.

Tyson reported on the poll he took during the re-broadcast of the Juniata game.

Merrill presented a definite policy which has precedent in station policy but needed re-iteration, to wit: after one cut, the offender is warned; after two cuts he is suspended for two weeks; after 3 cuts he is promanently suspended. Cuts refer to unexcused no-shows. Also involved as an offence are goofs in either engineering or announcing.

Assignments for cleaning the station:

Oct 17-24	: Merrill	Nov 14-21	Johnson	Dec 12-19	Potter
Oct 24-31	: Gibson	Nov 21-28	Cone		
Nov.1-7	: Hall	Nov 28-D,4	: Tyson		
Nov 7-14	: Cohen	Dec 5-12	Henderson		

Board Meeting Oct. 12. Present: Merrill, Tyson, Gibson, Woodham, Johnson, Potter, Henderson, Cohen, Langsam. The purpose of this meeting was to handle a problem of immediate concern: the voluntary self-suspension of Merrill and Tyson. Their position was accepted by the majority of the board over objections of Gibson and Hall (the latter in a letter) who held that suspension on such a basis resulted in: 1) a burden on the engineer and program director to fill spots temporarily and 2) leaving the two of them in their Board positions. The majority thought 1) that the burden was one that comes from any suspension of staff members, and 2) that the organization would be hampered if there were not continuity to the efforts of the Manager and Program Director.

Reports:on the cost of the Juniata game, $83.65, estimate for the Susquehanna game, $57.07; a poll will be taken Tuesday and Wednesday Oct. 26-7; technical projects for the coming weekends: 1) repair tape recorder, 2) fix Merion line, 3) install French house line, 4) remove football line (no home games will be broadcast).

Board meeting Oct 20. Present: Merrill, Tyson, Gibson, Potter, Cone, Langsam, and Hall. Merrill will see if money can be gotten from the capital fund to finish the record cabinet. Gibson and Vogel will work on the cabinet. Berkeley Harris has cut 3 times and will be warned. Elsie Kemp will head the drama work of the station. We will have to get turntables fixed. The Nicholson discussion will be transcribed on some Philadelphia station. There will be a staff meeting soon. Respectfully submitted, W.S. Hall

WHRC

HAVERFORD COLLEGE

HAVERFORD, PENNSYLVANIA

Nov. 18, 1954

Board Meeting 6:45 Nov. 18.

Present: Merrill, Mann, Gibson, Cohen, Tyson, Horner, Potter, Goodhart, Langsam, and Hall.

Gibson stated the first problem: technical difficulties are so great as to indicate that the best thing would be to shut off until everything is fixed. We are periodically cut off the air by mere leanings on the console. There is wow, static and interference that is received on even the finest radios. We should go off the air until the situation can be corrected.

Merrill suggested that we stay on "auto" until Thanksgiving, for 1) There is no periodic shutting off on "auto",2) we have to pipe music to the dining room this weekend, and 3) the psychological effect would be better if we could go off at a vacation time and get a lot a publicity when we do go back on the air as the New, Improved WHRC.

Cohen said that he couldn't spend time on the technical equipment until Thanksgiving and favored our going on "auto".

The question: when do we shut down completely for repairs? The decision: we will go on "auto" (FM and WBMC) starting Nov. 18 and ending Tuesday Nov. 23. Then we will shut completely off.

Gibson suggested that shutting off would give us extra time to put the station in order to wit: the record cabinets and rugs.

Tyson reported on the new program schedule which cuts down our shows to around 4 hours each night. This will permit us to put better quality shows over the air. Of course this schedule will not go into effect until the technical equipment is repaired which may not be until January 3rd. 1955.

Respectfully submitted,

Winfield Hall, Secty.

Staff [illegible] — [illegible] pm
Board [illegible]

1. WHAG [illegible]
   Bryce introduced [illegible]
2. [illegible] [illegible] [illegible]
3. [illegible] proceedings
4. Southern [illegible] exchange [illegible]
5. [illegible] [illegible]
6. [illegible]
   [illegible] ~~[illegible]~~ [illegible]
7. [illegible] —
8. [illegible]

9. [illegible]
10. [illegible]
11. [illegible] —

[illegible]

[illegible]

Minutes of May 4 for WHRC Board meeting:

To be bought by WHRC if any money is left over at the end of this year:

New floor for studio R
Gain controls for dolly
Sundry switches and relays
H-G-E pre amps
Patch pannel and accessory amplifiers
Spring binder
200 record sleeves
Recording tape

Suggestions for Spring Day programs:

Lectures
News
Magnificat
Baseball game
Track meet scores
Play
D-J shows

Hummel, Bolgiano, Dannay and Morrison were present.

Respectfully submitted,

Douglas Dannay(acting secretary)

Minutes of May 4 for WHRO Board meeting:

To be bought by WHRO if any money is left over at the end of this year:

New floor for studio R
Gain controls for dolly
Studio switches and relays
H-3 pre amps
Patch panel and accessory amplifiers
Spring binder
280 record sleeves
Recording tape

Suggestions for Spring Day programs:
Lectures
News
Magnificat
Sears II game
Track meet scores
Play
U-1 shows

Present: Bolgiano, Dunney and Morrison were present.

Respectfully submitted,

Douglas Dunney(acting secretary)

Minutes of May 7 for the WHRC staff meeting:

Elections for next semester were held:

Station Manager:
Nominated: Morrison
Elected: Morrison

Program Director:
Nominated: Singh and Somerndike
Elected: Singh

Technical Manager:
Nominated: Bolgiano and Edsall
Elected: Bolgiano

Chief Program Engineer:
Nominated: Dick Hardy and Hummel
Elected: Hummel

Production Manager:
Nominated: Dick Hardy
Elected: Dick Hardy

Secretary:
Nominated: Hollman, Gifford, Carpenter, Wilson, Flint, Bennet, Hazleton and Dannay
Carpenter, Wilson, Flint and Dannay declined.
Elected: Hollman

Treasurer:
Nominated: Flint and Gifford
Elected: Flint

Respectfully submitted,

Douglas Dannay(acting secretary)

Minutes of May 7 for the WRHO staff meeting:

Elections for next semester were held:

Station Manager:
Nominated: Morrison
Elected: Morrison

Program Director:
Nominated: Singh and Sonnenklie
Elected: Singh

Technical Manager:
Nominated: Soligano and Edwall
Elected: Soligano

Chief Program Engineer:
Nominated: Dick Hardy and Hummel
Elected: Hummel

Production Manager:
Nominated: Dick Hardy
Elected: Dick Hardy

Secretary:
Nominated: Hollman, Gifford, Carpenter, Wilson, Flint, Denney, Hollman and Denney
Carpenter, Wilson, Flint and Denney declined.
Elected: Hollman

Treasurer:
Nominated: Flint and Gifford
Elected: Flint

Respectfully submitted,

Douglas Denney (acting secretary)